Trade and Industrial Education
Course: Manufacturing Applications
Course Code # 5785
2 Credits

School Year _____

Term:____Fall____Spring

Student:	Grade:
Teacher: School:	
Number of Competencies in Course: **19**	
Number of Competencies Mastered:	
Percent of Competencies Mastered:	

STANDARD 1.0: Students will correlate human factors with economic and organizational outcomes in a manufacturing environment.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
1.1	Analyze the effects of employee absenteeism on product cost and worker morale.		
1.2	Analyze the relationship between productivity, profitability, and wages.		
1.3	Resolve workplace ethical dilemmas.		

STANDARD 2.0: Students will determine factors that influence strategic technology and human resource decisions in manufacturing.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
2.1	Investigate potential implications of technological innovations for manufacturing organizations.		
2.2	Explore the short and long-term costs of and returns on human resource development.		

STANDARD 3.0: Students will assess the impact of safety practices in a manufacturing organization.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
3.1	Analyze safety practices and procedures.		
3.2	Explore the role of manufacturing safety practices in an economic context.		
3.3	Pass with 100 % accuracy a written examination relating to safety issues.		
3.4	Pass with 100% accuracy a performance examination relating to safety.		
3.5	Maintain a portfolio record of written safety examinations and equipment examinations for which the student has passed an operational checkout by the instructor.		

STANDARD 4.0: Students will correlate quality practices with business outcomes in manufacturing.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
4.1	Analyze the relationship between quality management practices and profitability.		
4.2	Assess the effects of quality assurance on manufacturing processes.		
4.3	Analyze the relationship between process management and quality assurance.		

STANDARD 5.0: Students will obtain employment within the manufacturing industry using appropriate job-search strategies and interviewing behaviors.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
5.1	Develop job-search strategies.		
5.2	Demonstrate appropriate interview and workplace dress and behavior.		

STANDARD 6.0: Students will demonstrate leadership, citizenship, and teamwork skills required for success in the school, community, and workplace.

Learning Expectations	Check the appropriate Mastery or Non-Mastery column	Mastery	Non-Mastery
6.1	Analyze the function of fairness, integrity, and loyalty in work.		
6.2	Illustrate how a "mind set" can block communication.		
6.3	Evaluate personal interest and tolerance levels for working on a team.		
6.4	Establish a positive climate and spirit of cooperation among individuals who are working together on a project.		

Additional Comments _____